

NESTERA WIFICAM-NESTBOX-32FT

Smart Birdhouse with Camera - User Manual

Model: WIFICAM-NESTBOX-32FT | Brand: NESTERA

INTRODUCTION

Welcome to the world of bird watching with your new NESTERA Smart Birdhouse with Camera. This innovative bird box allows you to observe the nesting process of various garden birds in stunning 1440p HD video, directly from your smartphone. Equipped with WiFi connectivity, night vision, and a built-in microphone, you can experience the unseen world of nesting birds with unparalleled clarity and sound.

Crafted from durable, weatherproof PEFC Certified Western Red Cedar, this birdhouse provides a safe and comfortable environment for its occupants year-round. The unique translucent windows ensure optimal light for the camera, while the removable front panel and included hole protection plates (28mm and 32mm) make it suitable for a wide range of species.

With the easy-to-use Nestera app, you can access a live stream, record and save videos, receive movement alerts, and securely share your observations with family and friends.

PACKAGE CONTENTS

Before you begin, please ensure all components are present:

- 1 x NESTERA Bird Box
- 1 x Wifi 1440P HD Camera
- 1 x 32ft (10M) Power Cable
- 2 x Hole Protection Plates (28mm & 32mm)
- Translucent Windows (pre-installed)
- Mounting Hardware



Image: The complete NESTERA Smart Birdhouse with Camera kit, including the wooden birdhouse, the 1440p HD WiFi camera, a long power cable, and various accessories.

SETUP GUIDE

1. Camera Installation in Bird Box

1. **Prepare the Bird Box:** Open the removable front panel of the birdhouse.
2. **Mount the Camera:** Secure the 1440p HD camera inside the bird box using the provided mounting hardware. Ensure the camera lens is facing the entrance hole and has a clear view of the nesting area. The translucent windows provide optimal light for the camera.
3. **Connect Power:** Route the 32ft (10M) power cable from the camera out of the bird box through the designated opening.



Image: The 1440p HD camera securely mounted inside the NESTERA birdhouse, positioned to capture activity within the nesting chamber.



Image: The NESTERA birdhouse with its front panel opened, showcasing the internal camera setup and the path for the power cable.

2. Birdhouse Placement and Hole Selection

- **Choose a Location:** Mount the birdhouse to a tree, fence, or house in a suitable location for nesting birds. Ensure it is stable and secure.
- **Select Entrance Hole Size:** The birdhouse comes with a standard entrance hole. For specific bird species, use the included 28mm or 32mm hole protection plates. These plates can be easily attached to the front panel to adjust the opening size, attracting a wider range of birds such as Eastern Bluebirds, Carolina Wrens, Chickadees, and more.



Image: An annotated diagram illustrating the birdhouse's features, including its cedar construction, entrance hole, translucent windows, and removable front panel for species customization.



Image: An infographic showcasing various bird species that can inhabit the NESTERA birdhouse, emphasizing its suitability for a diverse range of garden birds.

3. App Download and Camera Pairing

1. **Download the Nestera App:** Search for "Nestera" in your device's app store (iOS & Android) and

download the official application.

2. **Power On Camera:** Plug the 32ft power cable into a continuous power source. The camera will power on.
3. **Pair Camera to App:** Follow the in-app instructions to pair your camera with the Nestera app. This typically involves connecting to the camera's temporary WiFi network and then configuring it to connect to your home 2.4 GHz WiFi network.



Image: The NESTERA birdhouse installed on a brick wall, with a smartphone showing a live feed of birds inside the nest, demonstrating the remote viewing capability.

OPERATING INSTRUCTIONS

Using the Nestera App

The Nestera app is your primary interface for interacting with your smart birdhouse camera. It provides 24/7 access to live video and audio, recording features, and instant alerts.

- **Live Stream:** Open the app to view the live 1440p HD video feed from inside the birdhouse. The camera's night vision infrared LEDs ensure clear black and white footage even in total darkness.
- **Audio Monitoring:** The built-in microphone allows you to hear the sounds of the nesting birds, providing a complete sensory experience.
- **Motion Detection:** Enable motion detection in the app to receive instant notifications on your device when movement is detected inside the bird box.
- **Recording and Sharing:** Easily record videos of significant moments, such as eggs hatching or chicks growing. You can save these videos to your device and share them securely with family and friends through the app.

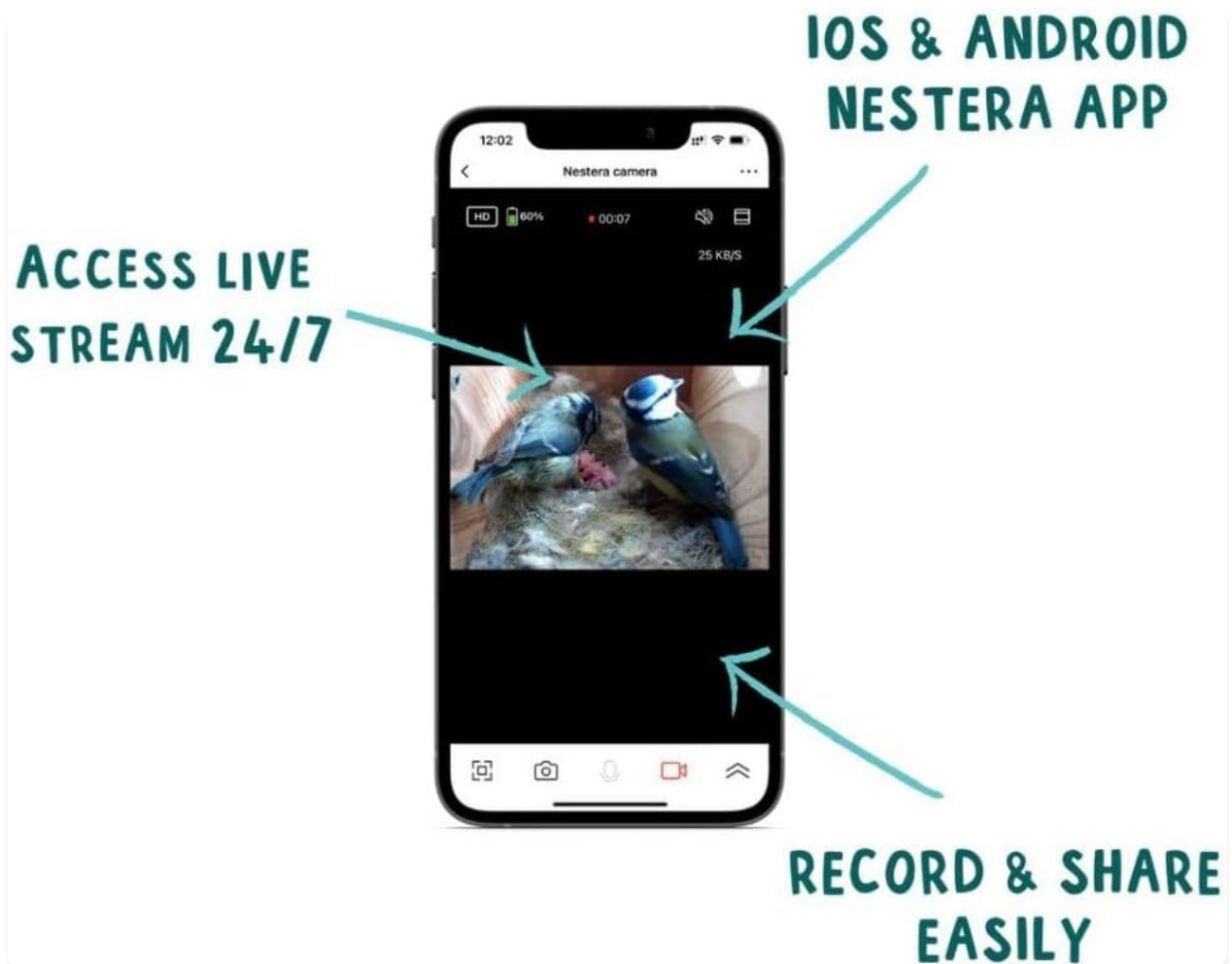


Image: The Nester app interface on a smartphone, demonstrating its capabilities for live streaming, recording, and sharing bird activity.



Image: A detailed view of the camera, pointing out its key components such as the Lux sensor, infrared LEDs for night vision, 4.0-megapixel lens for HD video, and built-in microphone.

Official Product Video

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Video: An official NESTERA video demonstrating the features and ease of setup of the Wifi Camera Bird Nesting House. This video highlights how to install the camera, connect it to the app, and enjoy live views of nesting birds.

MAINTENANCE

- **Cleaning:** After nesting season, or if the birdhouse is not in use, carefully remove the front panel and clean out any old nesting material. Use a soft brush or cloth and avoid harsh chemicals. Ensure the camera lens is clean for optimal viewing.
- **Wood Care:** The Western Red Cedar is naturally resistant to moisture and decay. However, periodic inspection for any wear or damage is recommended to ensure the longevity of the birdhouse.
- **Camera Check:** Periodically check the camera and power cable for any signs of wear or damage, especially after severe weather.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi / Goes offline frequently	Weak Wi-Fi signal; Incorrect Wi-Fi password; Router issues; Camera power interruption.	<ul style="list-style-type: none"> • Ensure the birdhouse is within range of your 2.4 GHz Wi-Fi network. • Verify Wi-Fi password in the app settings. • Restart your home router. • Unplug and re-plug the camera's power cable to restart it. • If issues persist, try re-pairing the camera through the Nestera app.
No video feed / Black screen	Camera not powered; Lens obstructed; App glitch.	<ul style="list-style-type: none"> • Check if the power cable is securely connected and the power source is active. • Ensure nothing is blocking the camera lens inside the birdhouse. • Close and reopen the Nestera app. • Restart the camera by unplugging and re-plugging the power cable.
Poor video quality / Blurry image	Dirty lens; Low light conditions; Network bandwidth.	<ul style="list-style-type: none"> • Gently clean the camera lens with a soft, dry cloth. • Ensure translucent windows are clean and allowing light. • Check your internet speed and ensure sufficient bandwidth for streaming.
No audio	Microphone muted in app; Microphone obstruction; Hardware issue.	<ul style="list-style-type: none"> • Check the audio settings in the Nestera app to ensure the microphone is not muted. • Ensure the microphone port on the camera is clear of debris.

SPECIFICATIONS

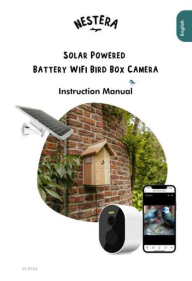


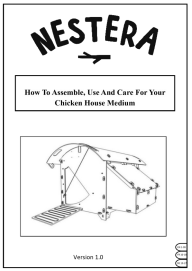
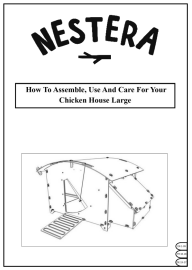

Feature	Detail
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Feature	Detail
Model Name	Wifi Bird box Camera System
Item Model Number	WIFICAM-NESTBOX-32FT
Brand	NESTERA
Product Dimensions (LxWxH)	8.6 x 7.5 x 13.4 inches
Item Weight	5.83 pounds (2.65 Kilograms)
Camera Resolution	1440p HD (4.0 Megapixels)
Connectivity	2.4 GHz WiFi
Night Vision	Infrared LEDs for clear black and white footage in darkness
Audio	Built-in Microphone
Power Source	Continuous power via 32ft (10M) power cable
Material	PEFC Certified Western Red Cedar
Included Components	Wifi 1440P HD Camera, Bird Box, 32ft (10M) Power Cable, 32mm & 28mm Hole protection plates, Translucent Windows
Specific Uses	Outdoor bird observation

WARRANTY AND SUPPORT

Warranty: This product comes with a 1 Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

Support: For technical assistance, troubleshooting, or warranty inquiries, please visit the official NESTERA website or contact their customer support directly. Refer to the packaging or the Nestera app for specific contact details.

 The cover of the instruction manual for the Nestera Solar Powered Battery WiFi Bird Box Camera. It features the Nestera logo at the top, followed by the product name. Below the text is a circular image showing a bird box mounted on a brick wall, with a solar panel and a camera lens visible. A smartphone is shown at the bottom right, displaying the camera's live feed.	<p>Nestera Solar Powered Battery WiFi Bird Box Camera: Instruction Manual</p> <p>Comprehensive instruction manual for the Nestera Solar Powered Battery WiFi Bird Box Camera. Learn about setup, specifications, app connection, mounting, FAQs, and support for your bird watching experience.</p>
 The cover of the assembly instructions for the Nestera Aspen Medium Model FRL01-06 nesting box. It features the Nestera logo and the product name. Below the text is a technical line drawing of the nesting box, showing its internal structure and a ramp leading to the entrance.	<p>Nestera Aspen Medium Model FRL01-06 Assembly Instructions</p> <p>Detailed assembly guide for the Nestera Aspen Medium Model FRL01-06 nesting box, featuring eco-friendly construction from recycled materials and easy-to-follow steps for building your chicken coop.</p>
 The cover of the instruction manual for the Nestera WiFi Bird Box Camera. It features the Nestera logo and the product name. Below the text is a circular image showing a bird box mounted on a brick wall, with a camera lens visible. A smartphone is shown at the bottom right, displaying the camera's live feed.	<p>Nestera WiFi Bird Box Camera Instruction Manual</p> <p>Comprehensive instruction manual for the Nestera WiFi Bird Box Camera, covering setup, specifications, app usage, mounting, troubleshooting, and FAQs. Learn how to connect your camera, share footage, and enjoy close-up views of nesting birds.</p>
 The cover of the assembly, use, and care guide for the Nestera Chicken House Medium. It features the Nestera logo and the product name. Below the text is a technical line drawing of the chicken house, showing its internal structure and a ramp leading to the entrance.	<p>Nestera Chicken House Medium: Assembly, Use, and Care Guide</p> <p>Detailed assembly instructions, usage guidelines, and care information for the Nestera Chicken House Medium. Learn how to build, maintain, and use your eco-friendly chicken coop made from recycled materials.</p>
 The cover of the assembly, use, and care guide for the Nestera Chicken House Large. It features the Nestera logo and the product name. Below the text is a technical line drawing of the chicken house, showing its internal structure and a ramp leading to the entrance.	<p>Nestera Chicken House Large: Assembly, Use, and Care Guide</p> <p>Comprehensive guide for assembling, using, and caring for the Nestera Chicken House Large, featuring recycled materials and easy-clean design. Includes detailed step-by-step assembly instructions, parts lists, and usage tips.</p>
 The cover of the assembly instructions and product guide for the Nestera Aspen Large Model FRL01-10 chicken coop. It features the Nestera logo and the product name. Below the text is a technical line drawing of the chicken coop, showing its internal structure and a ramp leading to the entrance.	<p>Nestera Aspen Large Model FRL01-10 Assembly Instructions and Product Guide</p> <p>Comprehensive assembly instructions, parts list, and product information for the Nestera Aspen Large Model chicken coop (FRL01-10). Learn how to build and understand your eco-friendly poultry house.</p>

